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01-14-02

PTO/SB/05 (03-01)

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<b>UTILITY</b> <b>PATENT APPLICATION</b> <b>TRANSMITTAL</b>	
<i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	
	
<i>Attorney Docket No.</i>	<b>1356.2.19</b>
<i>First Inventor</i>	<b>Mark E. Southwood</b>
<i>Title</i>	<b>WIREFRAME ALGORITHM AND NON-CONTACT GAUGING APPARATUS</b>
<i>Express Mail Label No.</i>	<b>EV001613755US</b>

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:** **Assistant Commissioner for Patents**  
**Box Patent Application** **1050**  
**Washington, DC 20231**

1.  Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27
3.  Specification [Total Pages **24**]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Application
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 USC 113) [Total Sheets **6**]
5. Oath or Declaration [Total Pages **2**]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

- Computer Readable Form (CRF)
- Specification Sequence Listing on:
  - CD-ROM or CD-R (2 copies); or
  - paper
- Statement verifying identify of above copies

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))

10.  37 CFR 3.73(b) Statement  Power of Attorney (when there is an assignee)

11.  English Translation Document (*if applicable*)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*

15.  Certified Copy of Priority Document(s)  
*if foreign priority is claimed*

16.  Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17.  Other: Express Mail Certificate

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:

Continuation       Divisional       Continuation-in-part (CIP) of prior application No.:

Prior application information:      Examiner:      Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label

21552

or  Correspondence address below

NAME	John R. Thompson MARCONI & METCALF
------	---------------------------------------

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT \$ 488

Complete If Known	
Application Number	
Filing Date	January 11, 2002
First Named Inventor	Mark E. Southwood
Group Art Unit	
Examiner Name	
Attorney Docket Number	1356.2.19

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account

Deposit Account Number

13-0763

Deposit Account Name

MADSON &amp; METCALF

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below  Credit any overpayments
   
 Charge any additional fee(s) during the pendency of this application
   
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION (continued)

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity

Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
F101	740	201	370	Utility filing fee	370
F106	330	206	165	Design filing fee	
F107	510	207	255	Plant filing fee	
F108	740	208	370	Reissue filing fee	
F114	160	214	80	Provisional filing fee	
SUBTOTAL (1)					370

## 2. EXTRA CLAIMS FEES FOR UTILITY AND REISSUE

Total Claims	24	-20** =	4	x	9	=	36	Extra Claims Fee from below	Fee Paid
Ind. Claims	4	- 3** =	1	x	42	=	42		
Multiple Dep. Claims			0	x	140	=	0		

Large Entity	Small Entity	
Fee Code	Fee (\$)	
103	18	
102	84	
104	280	
109	84	
110	18	
SUBTOTAL (2)		78

\*\*or number previously paid, if greater, For Reissues, see above

SUBMITTED BY					Complete (if applicable)	
Typed or Printed Name		Signature			Reg. Number	Deposit Account User ID
John R. Thompson		John R. Thompson			40,842	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231.

PATENT APPLICATION  
Docket No.: 1356.2.19

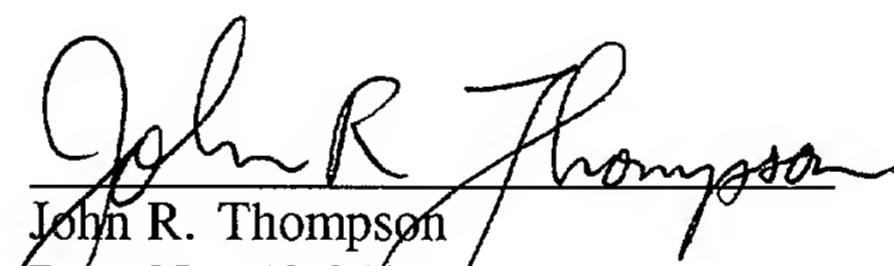
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label No.: EV001613755US

Date of Deposit: January 11, 2002

I hereby certify that this patent application in the name of Mark E. Southwood for WIREFRAME ALGORITHM AND NON-CONTACT GAUGING APPARATUS, together with the drawings, a Utility Patent Application Transmittal, a Fee Transmittal, a Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i), a single signature Declaration, Power of Attorney, and Petition, an Assignment, a Recordation Form Cover Sheet, and a Credit Card Payment Form for \$488 are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Respectfully submitted,

  
John R. Thompson  
Reg. No. 40,842  
Attorney for Applicant

Date: January 11, 2002

MADSON & METCALF  
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c:\corr\020111.05

<b>REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>	First Named Inventor	Mark E. Southwood
	Title	WIREFRAME ALGORITHM AND NON-CONTACT GAUGING APPARATUS
	Atty Docket Number	1356.2.19

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

January 11, 2002

Date



Signature

John R. Thompson

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**